



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

D4088-041
Job Sheet 173385



Part No: D4088-041

Job Qty: 12 ea

Part Name: Shoulder Harness



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 3/1/18

Job Tracking No:

Due Date: 3/28/18

Created By: Chantal Lavoie

Type: Stock

Description:

Note: DWG REV B SHEET 1 IPP REV:A NEW ISSUE DD 10.04.29 VERIFIED:EC

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Purchasing	12 pcs		3/28/18	0.00	0.00	Purchasing		AT 1803/17
110	Packaging	12 pcs		3/28/18	0.00	0.00	Packaging2		AT DAB 1803/17
120	QC	12 pcs		3/28/18	0.00	0.00	QC6		DAS 11 MAR 29 2018
130	Packaging	12 pcs		3/28/18	0.00	0.00	Packaging3-2		6 9-89
140	QC21-SA	12 Ea		3/28/18	0.00	0.00	QC21		9-89 APR 02 2018

Part Op 100 - Issue P/O: 039159 Manufacture D4088-041 as per Dwg D4088

DAS 21 9-89 APR 02 2018

WOB MAR 01 2018

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
3221-1-011-2396	Shoulder Harness D4088-041	12 pcs (1 ea)	100-Purchasing	5055567

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-Purchasing	3221-1-011-2396	12	0	0

Part Specifications

Specifications could not be found.

Plex 3/1/18 12:58 PM dart.lavoie.chantal

Shoulder Harness

Serial No/Batch: S055591

Revision:

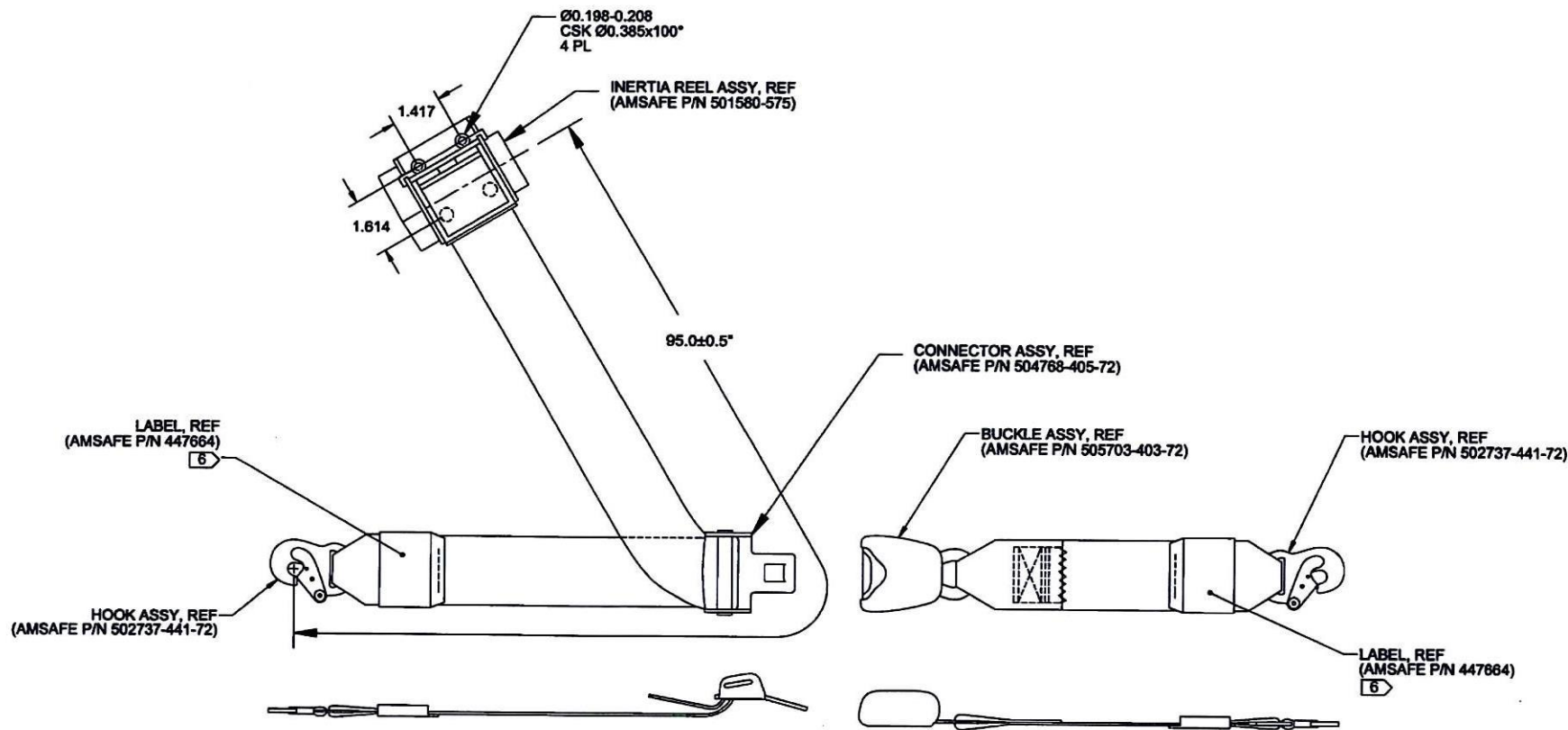
Operation: Packaging

Change No:

Mfg Date: 03/27/18

Job No: 173385

SPECIFICATION CONTROL DRAWING



D4088-041 SHOULDER HARNESS

NOTES:

- 1) MATERIAL: AMSAFE INC. P/N 3221-1-011-2396
3 POINT SHOULDER HARNESS WITH PUSH BUTTON BUCKLE
MEETS REQUIREMENTS OF TSO-C114
CHROME HARDWARE PLATING AND BLACK WEBBING
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: LABEL TO CONTAIN THE FOLLOWING AT MINIMUM:
PART NUMBER 3221-1-011-2396
CUST P/N: D4088-041
RATED: 3000 LBS DATE OF MFG:
CONFORMS TO TSO-C114
- 7) WEIGHT: 1.5 lbs

B	ADD D4088-045-047 (REASON: CIR 15-82)	JMH	17.01.31
A	NEW ISSUE	CP	10.03.16
REV.	DESCRIPTION	BY	DATE
DESIGN	CP		
DRAWN	JMH		
CHECKED	ML		
MFG. APPR.	JLM		
APPROVED	HS		
DE APPR.	DS		
DATE	17.01.31		

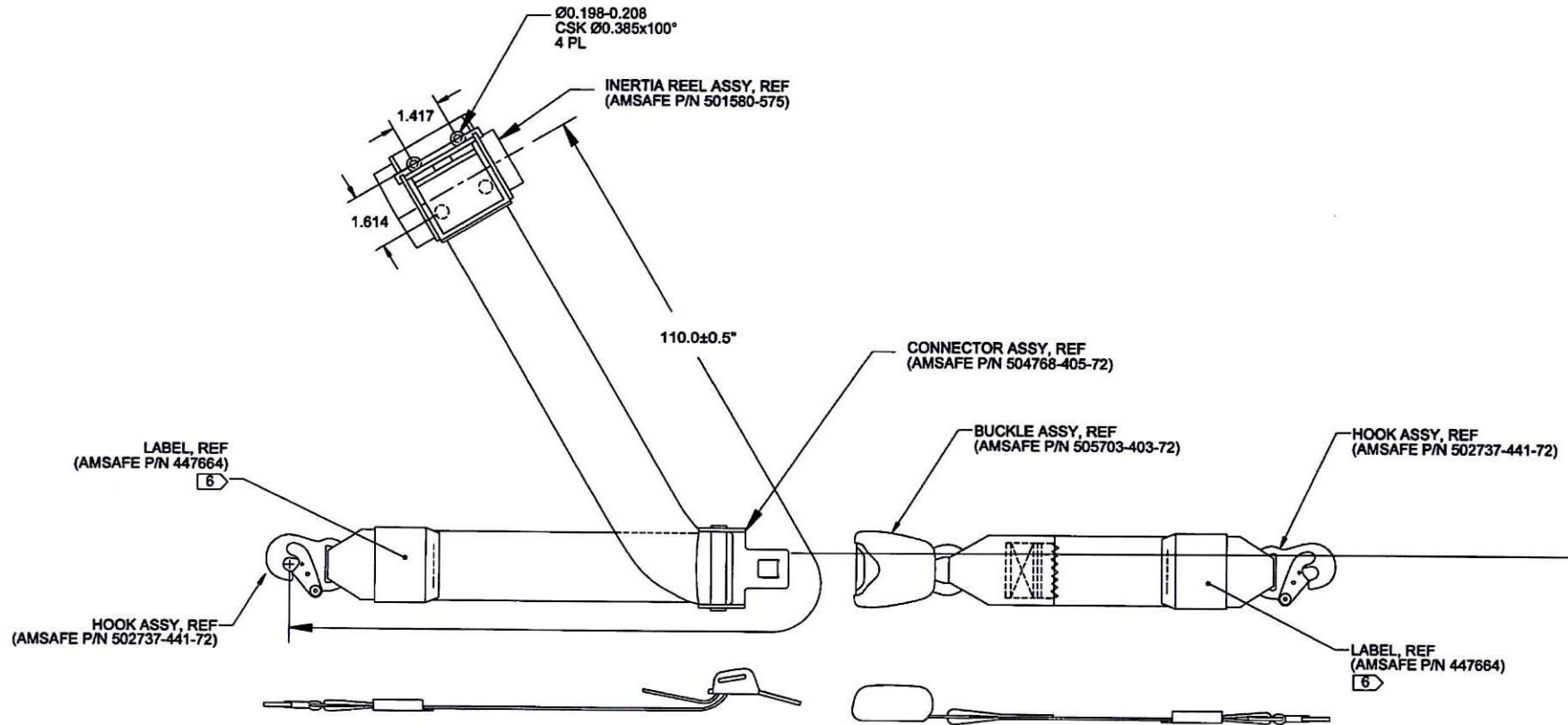
DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWING NO. D4088	REV. B
TITLE SHOULDER HARNESS	SHEET 1 OF 4
SCALE NTS	

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RELEASED
2017-03-06
EIN 17-533

APPROVED

SPECIFICATION CONTROL DRAWING



D4088-043 SHOULDER HARNESS

NOTES:

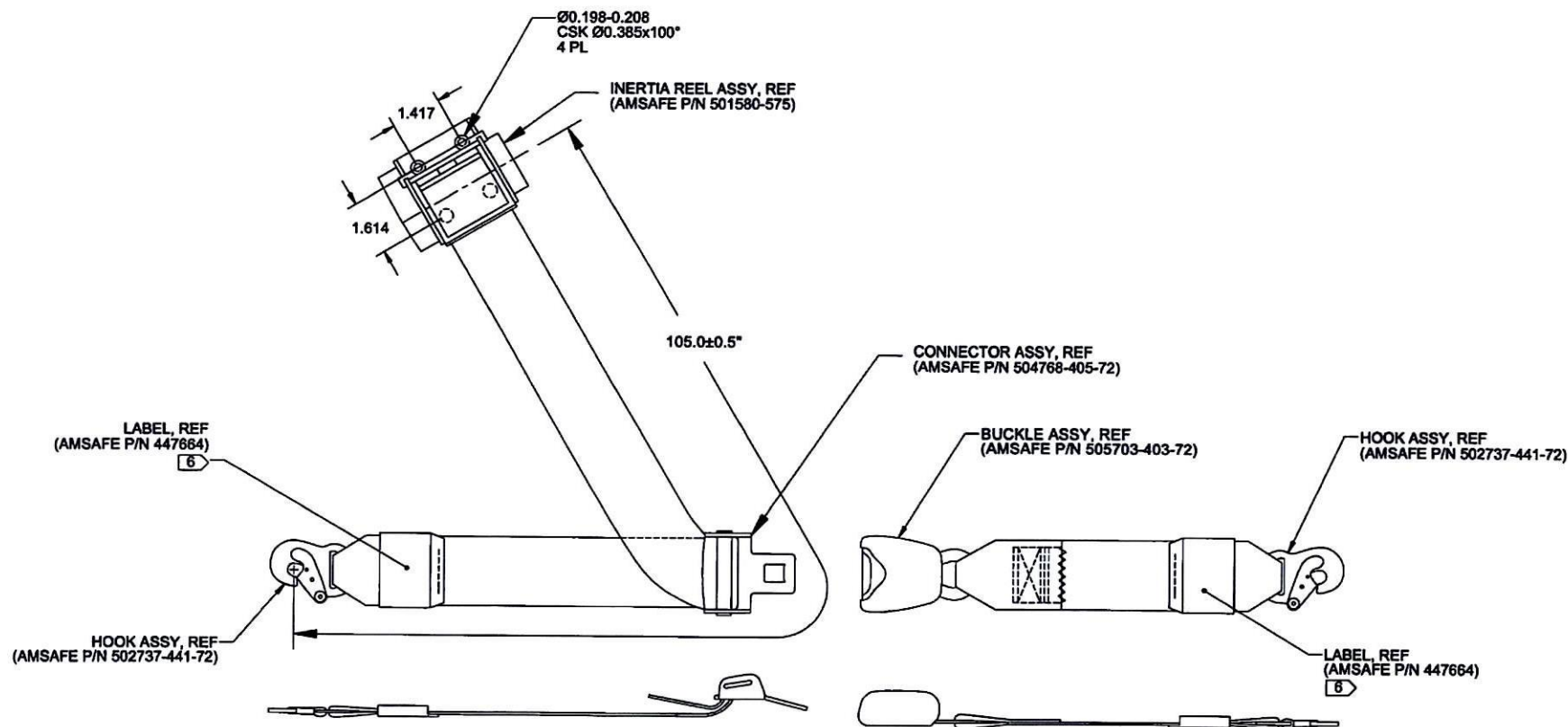
- 1) MATERIAL: AMSAFE INC. P/N 3221-1-021-2396
3 POINT SHOULDER HARNESS WITH PUSH BUTTON BUCKLE
MEETS REQUIREMENTS OF TSO-C114
CHROME HARDWARE PLATING AND BLACK WEBBING
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: LABEL TO CONTAIN THE FOLLOWING AT MINIMUM:
PART NUMBER 3221-1-021-2396
CUST P/N: D4088-043
RATED: 3000 LBS DATE OF MFG:
CONFORMS TO TSO-C114
- 7) WEIGHT: 1.5 lbs

RELEASED
2017-03-06

APPROVED

DESIGN	CP	DART AEROSPACE LTD	
DRAWN	JMH	HAWKESBURY, ONTARIO, CANADA	
CHECKED	ML	DRAWING NO.	REV. B
MFG. APPR.	JLM	D4088	SHEET 2 OF 4
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	SHOULDER HARNESS	NTS
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SPECIFICATION CONTROL DRAWING



D4088-045 SHOULDER HARNESS

NOTES:

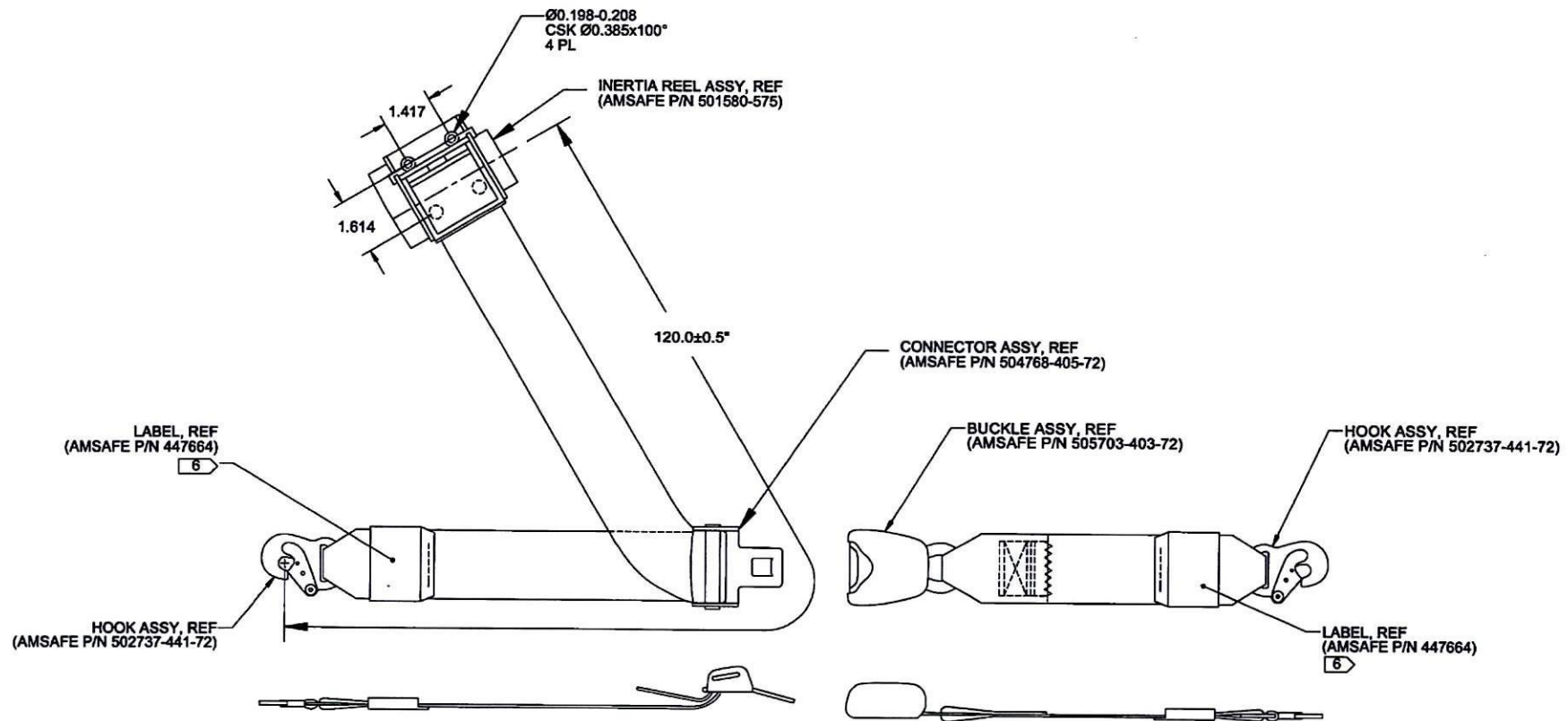
- 1) MATERIAL: AMSAFE INC. P/N 3221-1-051-2396
3 POINT SHOULDER HARNESS WITH PUSH BUTTON BUCKLE
MEETS REQUIREMENTS OF TSO-C114
CHROME HARDWARE PLATING AND BLACK WEBBING
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: LABEL TO CONTAIN THE FOLLOWING AT MINIMUM:
PART NUMBER 3221-1-051-2396
CUST P/N: D4088-045
RATED: 3000 LBS DATE OF MFG:
CONFORMS TO TSO-C114
- 7) WEIGHT: 1.5 lbs

RELEASED
2017-03-06

APPROVED

DESIGN	CP	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	JMH		
CHECKED	ML	DRAWING NO. D4088	REV. B SHEET 3 OF 4
MFG. APPR.	JLM	TITLE SHOULDER HARNESS	SCALE NTS
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DE APPR.	DS		
DATE	17.01.31		

SPECIFICATION CONTROL DRAWING



D4088-047 SHOULDER HARNESS

NOTES:

- 1) MATERIAL: AMSAFE INC. P/N 3221-1-061-2396
3 POINT SHOULDER HARNESS WITH PUSH BUTTON BUCKLE
MEETS REQUIREMENTS OF TSO-C114
CHROME HARDWARE PLATING AND BLACK WEBBING
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: LABEL TO CONTAIN THE FOLLOWING AT MINIMUM:
PART NUMBER 3221-1-061-2396
CUST P/N: D4088-047
RATED: 3000 LBS DATE OF MFG:
CONFORMS TO TSO-C114
- 7) WEIGHT: 1.5 lbs

RELEASED
2017-03-06

APPROVED

DESIGN	CP	DART AEROSPACE LTD	
DRAWN	JMH	HAWKESBURY, ONTARIO, CANADA	
CHECKED	ML	DRAWING NO.	REV. B
MFG. APPR.	JLM	D4088	SHEET 4 OF 4
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	SHOULDER HARNESS	NTS
DATE	17.01.31	COPYRIGHT © 2010 BY DART AEROSPACE LTD	
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Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **PO039159**

Supplier: AMS002-VU
Amsafe Inc.
1043 North 47th Avenue
Phoenix, AZ 85043 USA
Phone: 602 850 2850
Fax: 602-278-3479

PO No: PO039159

PO Date: 3/1/18

Due Date: 3/28/18

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Baker, Diane
dbaker@dartaero.com

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground

Pymt Terms: Net 30

Freight Terms:

Special Comments:

REVISED

E-MAILED

MAR 08 2018

Items

Line Item	Part	Supplier Part No	Item No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
1	4192-1-021-2396			Harness Assembly D4387-041 As Per Dwg DSC-D4387 Rev. D	Firmed	3/28/18	6 pcs	0 pcs	6 pcs	\$316.55/pcs	\$1,899.30
Line Item Note job# 173383											
2	3221-1-011-2396			Shoulder Harness D4088-041 As per Dwg D4088 Rev. B	Firmed	3/28/18	12 pcs	0 pcs	12 pcs	\$367.36/pcs	\$4,408.32
Line Item Note job# 173385											
3	4147-2-041-2396			Shoulder Harness, 4 Point D4071-041 As per Dwg D4071 Rev. A	Firmed	3/28/18	4 pcs	0 pcs	4 pcs	\$388.09/pcs	\$1,552.36
Line Item Note job# 173387											
4	3221-1-021-2396			Shoulder Harness D4088-043 As per Dwg 4088 Rev. B	Firmed	3/28/18	5 pcs	0 pcs	5 pcs	\$367.36/pcs	\$1,836.80
Line Item Note job# 173386											
5	4181-2-191-2396			Shoulder Harness W/ Buckle Assembly D4305-041 As Per Dwg DSC-D4305 Rev. E	Firmed	3/28/18	4 pcs	0 pcs	4 pcs	\$860.46/pcs	\$3,441.84
Line Item Note job# 173394											
6	D3636-041P			Shoulder Harness As per Dwg D3636-041 Rev.B AMSAFE PART # 3104-1-061-2396	Firmed	3/28/18	12 pcs	0 pcs	12 pcs	\$417.37/pcs	\$5,008.44
Line Item Note job# 173395											

Grand Total: \$18,147.06

Order Notes

Plex 3/5/18 7:14 AM dart.lavoie.chanta



- *Conforms to all applicable drawing dimensions and specifications.
- *(If applicable) Meets the requirements of FAR 25.853 (a) Compartment Interiors.
- *(If applicable) Conforms to British CAA specifications.
- *(If applicable) All parts/materials are certified new, conform to the design data, and are in airworthy condition.
- *Meets all the requirements of TSO-C114.
- *The parts/materials reflected herein were produced under a FAA approved Manufacturing and Quality Assurance system/methods as set in FAR Part 21 Sub-Part O, Para. 21.601.
- *The conditions and tests required for TSO approval of this article are minimum performance standards.
- *It is the responsibility of those installing this article either on or within a specific type or class of aircraft to determine that the aircraft installation conditions are within the TSO standard.
- *TSO articles must have separate approval for installation in an aircraft. The article may be installed only if performed under 14 CFR part 43 or applicable airworthiness requirements.
- *For the latest copy of the CMM/SMM, please log onto www.amsafeaviation.com

CUSTOMER NAME:	DART AEROSPACE	SALES ORDER NO.	S379361
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Line	Purchase Order No.	Am-safe Part No.	Rev.	Lot No.	Customer Part No.	Dated Code	Quantity
2	PO039159	3221-1-011-2396	D	N/A	NONE	A0318	12

PLEASE DELIVER TO THE QUALITY ASSURANCE DEPARTMENT

NEW

Rejinalh Coxuon

QUALITY ASSURANCE REPRESENTATIVE

8/16/18

DATE _____

CUSTOMER

1. Approving Civil Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: S379361 - 2 <i>jm</i>	
4. Organization Name and Address: AmSafe, Inc. 1043 North 47th Avenue Phoenix, Arizona 85043		Cert. No. PT1967NM			5. Work order/Contract/Invoice Number: S379361 - 2 PAGES ATTACHED	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	
1	REST SYS ASSY W/IR	3221-1-011-2396	12	<i>N/A</i>	NEW	
12. Remarks: Drawing: 3221 Rev: D TSO: TSO-C114 DATE CODE: <i>AD318</i>						
13a. Certifies the items identified above were manufactured in conformity to: ☒ Approved design data and are in a condition for safe operation ☐ Non-approved design data specified in Block 12.			14a. ☐ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
13b. Authorized Signature: <i>Jackeline Melchor</i>		13c. Approval/Authorization No.: ODA602112NM		14b. Authorized Signature		14c. Authorized/Certificate No.
13d. Name (typed or printed) JACKELINE MELCHOR		13e. Date (dd/mmm/yyyy): <i>20/MAR/2018</i>		14d. Names (typed or printed)		14e. Date (dd/mmm/yyyy):
User/Installer Responsibilities						
It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.						